

THURSDAY, AUGUST 1, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	74 °F	Dir.	NW-SW	Temp.	68 °F	- SHRA 1000 LT		
Min.	56 °F	Vel.	4 m.p.h.	Read.	28.77 in.			
Set	58 °F	Char.	VARIABLE	Corr.	28.65 in.			
R.H.	83 %	24 hr. Mov.	24 mi.	Sea L.	29.99 in.	0700	1300	1900
Ppn.	T in.	Prev. Dir.	SSW	3 hr. Tend.	+0.0 ~ mb	Clds. Cc 2/10 Ac	Clds. Cu 3/10 Tcu	Clds. Cc 7/10 Ac Tcu
Ppn.	- in.	Snow Depth	- in.	Observer	DJS	Wx FIRST 6000 SUN IN DAYS	Wx SPRING LIKE	Wx RED SUNSET WITH RAYS
				Observer	DJS	Vis.	Vis.	Vis.
						17 mi.	25 mi.	25 mi.

F-65

ΣCDD-0

ΣHDD-0

ΣPIN-T

T Ramos - 60/53

TUVU - 60/54

Tw-55

TJ-53

FRIDAY, AUGUST 2, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. W	Temp. 68 °F	* OVERNIGHT LOW - 60		
Min.	58 * °F	Vel. 6 m.p.h.	Read. 28.82 in.			
Set	62 °F	Char. LIGHT	Corr. 28.70 in.	0700	1300	1900
R.H.	78 %	24 hr. Mov. 32 mi.	Sea L. 30.03 in.	Clds. CONVTS 1/10	Clds. CU 7/10 CU CC	Clds. TS 4/10 AC CU CONVTS
Ppn.	0.00 in.	Prev. Dir. SW	3 hr. Tend. +1.01 mb	Wx HAZE	Wx MILD	Wx STILL MILD
Ppn.	- in.	Snow Depth - in.	Observer DPS	Vis. 10 mi.	Vis. 20 mi.	Vis. 20 mi.

T-68  
COA-3  
ΣCOA-3  
ΣNDA-0  
ΣPCN-T

TRAMOS - 63/58  
TUNU - 62/56

T<sub>w</sub> - 58  
T<sub>g</sub> - 55

SATURDAY, AUGUST 3, 1946

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 77 °F	Dir. CALM	Temp. 70 °F	-SNRA ~1345LT			
Min. 61 °F	Vel. 0 m.p.h.	Read. 28.90 in.				
Set 64 °F	Char. CALM	Corr. 28.78 in.				
R.H. 81 %	24 hr. Mov. 8 mi.	Sea L. 30.11 in.	0700	1300	1900	
Ppn. T in.	Liq. in.	Prev. Dir. SW	3 hr. Tend. +0.81 mb	Clas. AC AS CS 9/10	Clas. Wx VALLEY FOG	Clas. AC AS CS 8/10 Wx RED SUNNY HABE
Ppn. - in.	Sol. in.	Snow Depth - in.	Observer DDS	Vis. 3 mi.	Vis. mi.	Vis. 7 mi.

T-69

COO-4

ΣCOO-7

ΣNOO-0

ΣPCN-T

TAMOS - 64/60

TUNV-

TW-60

TJ-58

SUNDAY, AUGUST 4, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 76 °F	Dir. N		Temp. 68 °F	-1 TSRA 1425-1455 LT -TSRA 1735 LT		
Min. 62 °F	Vel. 4 m.p.h.		Read. 29.04 in.	2000 LT PCN - 0.15" 2200 - 0800 LT OCNL - 02		
Set 62 °F	Char. LIGHT		Corr. 28.92 in.	0700	1300	1900
R.H. 93 %	24 hr. Mov. 10 mi.		Sea L. 30.26 in.	Clds. X	Clds.	Clds. Tra 1/10 Ci
Ppn. Liq. 0.15 in.	Prev. Dir. E		3 hr. Tend. +1.3 / mb	Wx DENSE FOG	Wx	Wx HAZE
Ppn. Sol. - in.	Snow Depth - in.		Observer DDS	Vis. ~200 yds	Vis. mi.	Vis. 6 mi.

T-69

COB-4

ΣCDQ-11

ΣHDD-0

ΣPCN-0.15"

T Ramos - 61/60

TUVV - 62/62

T<sub>w</sub> - 61

T<sub>d</sub> - 60



MONDAY, AUGUST 5, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	74 °F	Dir.	CALM	Temp.	70 °F			
Min.	61 °F	Vel.	0 m.p.h.	Read.	29.07 in.			
Set	61 °F	Char.	CALM	Corr.	28.95 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov.	17 mi.	Sea L.	30.29 in.	Clds. X	Clds. 5/10 Cu -X	Clds. Cs 9/10 CONTRAILS
Ppn.	T in.	Prev. Dir.	SSW	3 hr. Tend.	+0.91 mb	Wx DENSE FOG	Wx FOG	Wx HAZE
Ppn.	- in.	Snow Depth	- in.	Observer	DDS	Vis. ~150 yds	Vis. 1 mi.	Vis. 10 mi.

F-70  
CDD-5  
ΣCDD-16  
ΣPEN-0.15"

TRAMOS-61/59  
TUVV-62/59

Tw-61  
Tj-61

TUESDAY, AUGUST 6, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.	82 °F		Dir.	CALM		Temp.	*OVERNIGHT FLOW - 64 -02 0900LT		
Min.	61* °F		Vel.	0 m.p.h.		Read.	29.07 in.		
Set	64 °F		Char.	CALM		Corr.	28.95 in.		
R.H.	94 %		24 hr. Mov.	17 mi.		Sea L.	30.28 in.		
Ppn.	Liq.	Prev. Dir.		3 hr. Tend.		Wx	DENSE FOG		
Ppn.	Sol.	Snow Depth		Observer		Vis.	1/10 mi.		
				DOS		Vis.	3 mi.		
						Vis.	15 mi.		

F-72

COO-7

ΣCOO-23

2PCN-0.15"

T Ramos - 64/61

TUVU - 64/60

TW-63

TJ-62

WEDNESDAY 07 AUGUST 1990 0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.				
Max.	Dir.	Temp.								
84 °F	-	70 °F								
Min.	Vel.	Read.								
64 °F	- m.p.h.	29.08 in.								
Set	Char.	Corr.								
65 °F	STILL	28.96 in.				0700	1300	1900		
R.H.	24 hr. Mov.	Sea L.	Clds.							
94 %	21 mi.	30.19 in.	X			9/10 - X ST		3/10 CS		
Ppn.	Liq.	Prev. Dir.	3 hr. Tend.	Wx						
-	in.	SE	+1.5 mb	DENSE FOG			Wx HAZE		Wx HAZE	
Ppn.	Sol.	Snow Depth	Observer	Vis.						
-	in.	- in.	SNH	1/10 mi.			5 mi.		15 mi.	

$\bar{T}$  74

COO 9

ΣCOO 32

ΣPCW 0.15

$T_{trans}$  64/63

$T_{inj}$  64/59

$T_w$  66

$T_o$  63

Thursday 08 August 1946 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.	General Obs.		
Max.	82 °F	Dir.	—	Temp.	* OVERNIGHT LOW 67°		
				70 °F			
Min.	64 °F	Vel.	—	Read.			
			m.p.h.	29.00 in.			
Set	68 °F	Char.	Calm	Corr.			
				28.88 in.			
R.H.	72 %	24 hr. Mov.	40 mi.	Sea L.	0700	1300	1900
				30.20 in.	Clds.	Clds.	Clds.
					7/10 CS	-X FEW CU	19/10 AS
Ppn.	— in.	Prev. Dir.	SSW	3 hr. Tend.	Wx	Wx	Wx
				105 ✓ mb	Haze	Haze	Light Rain
Ppn.	— in.	Snow Depth	— in.	Observer	Vis.	Vis.	Vis.
				SNH	6 mi.	6 mi.	5 mi.

F 73

COO 8

ΣCOO 40

ΣPCN<sub>2</sub> 0.15

T<sub>UNU</sub> 68/61

T<sub>w</sub> 66

T<sub>remos</sub> 68/63

T<sub>d</sub> 64



FRIDAY 09 AUGUST 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 83 °F	Dir. N	Temp. 70 °F	1755 - 2000LT TSR/ocul TSR+			
Min. 66 °F	Vel. 8 m.p.h.	Read. 28.88 in.	2000 - 0200LT FRST SHRA -			
Set 67 °F	Char. STEADY	Corr. 28.76 in.	2035 GAGE EMPTIED 0.70"			
R.H. 94 %	24 hr. Mov. 47 mi.	Sea L. 30.07 in.	0700 Clds. -X SC	1300 Clds. 9/10 Cu	1900 Clds. 10 Cu	
Ppn. Liq. 0.77 in.	Prev. Dir. S	3 hr. Tend. 0.0 - mb	Wx Fog	Wx REFRESHING	Wx Breathtaking	
Ppn. Sol. - in.	Snow Depth - in.	Observer JNH	Vis. 4 mi.	Vis. 25 mi.	Vis. 25 mi.	

$\bar{\tau}$  75

Tramos 65/64

$T_w$  67

$\Sigma CD$  10

$T_{unv}$  67/63

$T_d$  66

$\Sigma CD$  50

$\Sigma PCN_c$  0.92'

Saturday, August 10, 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max 79 °F	Dir. Calm	Temp. 69 °F				
Min. 54 °F	Vcl. — m.p.h.	Read. 28.96 in.				
Set 58 °F	Char. —	Corr. 28.84 in.	0700	1300	1900	
R.H. 83 %	24 hr. Mov. 34 mi.	Sea L. 30.18 in.	Clds. 30 cu	Clds.	Clds. 40 cu 70 sc	
Ppn. 0 in.	Liq. in.	Prev. Dir. NW	3 hr. Tend. +2.0/mb	Wx A bit chilly	Wx	Wx Pleasant
Ppn. — in.	Sol. in.	Snow Depth — in.	Observer GHB	Vis. 15 mi.	Vis. mi.	Vis. 25 mi.

$$\bar{T} = 67$$

$$CDD = 2$$

$$\Sigma CDD = 52$$

$$\Sigma HDD = 0$$

$$\Sigma PCN = 0.92$$

$$T_{RAMOS} = 58/52$$

$$T_{UNV} = M/M$$

$$T_w = 55$$

$$T_o = 53$$

Sunday 11 August 1990 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	E/SE	Temp.	69 °F			
Min.	54 °F	Vel.	6 m.p.h.	Read.	29.02 in.			
Set	58 °F	Char.	Breezy	Corr.	29.90 in.	0700	1300	1900
R.H.	75 %	24 hr. Mov.	21 mi.	Sea L.	30.24 in.	Clds. ei 1/10 CONTRAS	Clds.	Clds. CS 10/57 1/10
Ppn.	0 in.	Prev. Dir.	NW	3 hr. Tend.	+2.01 mb	Wx Partly fog all clouds Bright sun	Wx	Wx THICKENING CLOUDS
Ppn.	— in.	Snow Depth	— in.	Observer	SOH	Vis.	20 mi.	Vis. 25 mi.

$\bar{T}$  65

COO 0

$\Sigma$ COO 57

$\Sigma$ HOO 0

$\Sigma$ PCN 0.92

Trans 59/53

Trans 56/52

$T_w$  56

$T_d$  51

MONDAY 12 AUGUST 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	72 °F	Dir. —	Temp. 70 °F			
Min.	57 °F	Vel. — m.p.h.	Read. 28.95 in.			
Set	59 °F	Char. Calm	Corr. 28.83 in.	0700	1300	1900
R.H.	85 %	24 hr. Mov. 8 mi.	Sea L. 30.17 in.	Clds. 5/10 NS	Clds. 10/10 NS	Clds. 5/10 NS
Ppn.	Liq. — in.	Prev. Dir. NE	3 hr. Tend. 10.0 — mb	Wx 6:00 Chilly	Wx CRUZZY	Wx BLAA Chilly
Ppn.	Sol. — in.	Snow Depth — in.	Observer SNH	Vis. 25 mi.	Vis. 12 mi.	Vis. 20 mi.

$\bar{T}$  65

$\sum CO$  0

$\sum CO$  52

$\sum MD$  0

$\sum PCW_i = 0.92$

$T_{unv}$  58/52

$T_{ramos}$  59/54

$T_{w}$  58

$T_{a}$  54



TUESDAY 13 AUGUST 1996 0700 EST

Temp.		Wind	Barom.	General Obs.		
Max.	66 °F	Dir. NNE	Temp. 68 °F	-SARA 0845LT - 0915LT 1225LT - 20400LT OCC - FAO? KA -		
Min.	58 °F	Vel. 10645 m.p.h.	Read. 28.86 in.	SPRINKLES AT 08		
Set	59 °F	Char. gusty	Corr. 28.60 in.	0700	1300	1900
R.H.	95 %	24 hr. Mov. 20 mi.	Sea L. 29.92 in.	Clds. 57 10/10 NS	Clds. Sc, 5/10 Ci	Clds. Ci 3/10 CONTRAST
Ppn. Liq.	0.15 in.	Prev. Dir. SE	3 hr. Tend. -0.0 mb	Wx Fog SPRINKLES	Wx NICE!	Wx MILD
Ppn. Sol.	- in.	Snow Depth - in.	Observer SNH	Vis. 4 mi.	Vis. 20 mi.	Vis. 20 mi.

$\bar{F}$  62  
H00 3  
 $\Sigma$ H00 3  
 $\Sigma$ CO0 52  
 $\Sigma$ PCN<sub>c</sub> 1.07

T<sub>unv</sub> 59/34  
T<sub>trans</sub> 58/55

T<sub>w</sub> 59  
T<sub>w</sub> 58

WEDNESDAY, AUGUST 14, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.							
Max.	75 °F	Dir.	SW	Temp.	68 °F	-02 0800LT 8/13							
Min.	58 °F	Vel.	5 m.p.h.	Read.	28.91 in.								
Set	61 °F	Char.	LIGHT	Corr.	28.79 in.								
R.H.	84 %	24 hr. Mov.	12 mi.	Sea L.	30.13 in.	Clds. CC	1/10	Clds. CU	2/10 TCu	Clds. CB	8/10 TCU	Li	
Ppn.	T in.	Liq.		Prev. Dir.	NNE	3 hr. Tend.	+1.4 / mb	Wx	HAZE	Wx	HAZE	Wx	HAZE
Ppn.	- in.	Sol.	- in.	Snow Depth	- in.	Observer	ONS	Vis.	7 mi.	Vis.	10 mi.	Vis.	7 mi.

F-67

CND-2

ΣCND-54

ΣHND-3

ΣPCN-1.07"

T<sub>RAMOS</sub>-63/59

T<sub>WU</sub>-61/57

T<sub>w</sub>-58

T<sub>J</sub>-56

THURSDAY, AUGUST 15, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	82 °F	Dir.	W	Temp.	76 °F	*OVERNIGHT LOW-63 -1 H TSRA 1810-1835LT TS 1835-1852 LT -1 H TSRA 1852-1940LT 2000LT PCN-0.51"		
Min.	61 °F	Vel.	4 m.p.h.	Read.	28.94 in.	OVER		
Set	64 °F	Char.	LIGHT	Corr.	28.80 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov.	30 mi.	Sea L.	30.13 in.	Clds. Cb 6/10 AL	Clds. Cu 1/10 PCU	Clds. Cb 10/10
Ppn.	0.74 in.	Prev. Dir.	SSW	3 hr. Tend.	+0.7 mb	Wx	HAZE	Wx -TSRA LGTCG
Ppn.	- in.	Snow Depth	- in.	Observer	00S	Vis.	5 mi.	Vis. 6 mi.

F-72  
CDD-7  
ΣCDD-61  
ΣHDD-3  
ΣPCN-1.81"

TRAMOS -63/61  
TUVU -64/59

TW-63  
Td-62

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TS 0600-0625 LT  
-1/1+TSRA 0625-0655 LT  
TS 0655-0745 LT

FRIDAY, AUGUST 16, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 81 °F	Dir. WSW	Temp. 78 °F	-TSRA 1430-1445LT TS 1630-1705LT			
Min. 62 °F	Vel. 7 m.p.h.	Read. 28.92 in.	-TSRA 1705-1745LT TS 1745-2000 LGTCS WNW-N -TSRA 2000-2010LT			
Set 62 °F	Char. LIGHT	Corr. 28.78 in.	OVER			
R.H. 90 %	24 hr. Mov. 44 mi.	Sea L. 30.12 in.	Clds. 10/10 ST	Clds. 10/10 ST	Clds. CB 4/10 AC	
Ppn. Liq. 0.25 in.	Prev. Dir. SSW	3 hr. Tend. 0.0 ✓ mb	Wx HAZE	Wx MILD	Wx CLEARING	
Ppn. Sol. - in.	Snow Depth - in.	Observer DAS	Vis. 5 mi.	Vis. 10 mi.	Vis. 20 mi.	

T-72

COO-7

ECOO-68

ENAN-3

EPEN-2.06

TRAMOS-61/59

TJAN-62/60

Tw-60

Td-59

TS 2010-2110 LT LGT LGIC ALL QUADS

-TSRA 2110-2120 LT

TS 2120-2150 LGT LGIC E-SE

-TSRA 2150-2220 LT LGT LGIC ALL QUADS

-TSRA/TSRA 0500-0600 LT



SATURDAY, AUGUST 17, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	77 °F	Dir. CALM	Temp. 70 °F			
Min.	60 °F	Vel. 0 m.p.h.	Read. 28.96 in.			
Set	61 °F	Char. CALM	Corr. 28.84 in.	0700	1300	1900
R.H.	84 %	24 hr. Mov. 35 mi.	Sea L. 30.18 in.	Clds. AC 9/10 Cu	Clds.	Clds. % CS SR
Ppn.	Liq. 0.00 in.	Prev. Dir. WSW	3 hr. Tend. +1.2 mb	Wx STILL	Wx	Wx LOWERS SUNSET
Ppn.	Sol. — in.	Snow Depth — in.	Observer DDS	Vis. 20 mi.	Vis. mi.	Vis. 25 mi.

F-69

COA-4

ΣCOO-72

ΣHOO-3

ΣPEN-2.06"

T<sub>RAMS</sub> - 60/58

T<sub>UNW</sub> - M/M

T<sub>w</sub>-58

T<sub>J</sub>-56

SUNDAY 18 August 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	75 °F	Dir.	-	Temp.	70 °F			
Min.	56 °F	Vel.	- m.p.h.	Read.	29.04 in.			
Set	58 °F	Char.	CalM	Corr.	28.92 in.	0700	1300	1900
R.H.	94 %	24 hr. Mov.	.16 mi.	Sea L.	30.28 in.	Clds. c. 3/10	Clds. 6/10 cu	Clds. c. 1/10
Ppn.	0 in.	Prev. Dir.	WSW	3 hr. Tend.	+1.5 / mb	Wx Hazy SUNSHINE	Wx SUNSHINE	Wx RELAXING SUNSET
Ppn.	- in.	Snow Depth	- in.	Observer	SWH	Vis.	10 mi.	25 mi.
						Vis.	25 mi.	25 mi.

T 66

Tramos 59/55

Tu 59

COO -1

Tuvu 59/55

To 56

ICOO 73

EHOO 3

EPCN 2.06

MONDAY 19 AUGUST 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	-	Temp.	70 °F			
Min.	57 °F	Vel.	- m.p.h.	Read.	29.14 in.			
Set	59 °F	Char.	CALM	Corr.	29.02 in.	0700	1300	1900
R.H.	86 %	24 hr. Mov.	9 mi.	Sea L.	30.36 in.	Clds. Ci 3/10 Cs	Clds. Ci 3/10 Cu	Clds. ST 5/10
Ppn.	0 in.	Prev. Dir.	SSE	3 hr. Tend.	+1.5 / mb	Wx Fog Along rd.	Wx BIT D'HAZE	Wx STILL
Ppn.	- in.	Snow Depth	- in.	Observer	SWH	Vis.	7 mi.	20 mi.
						Vis.	20 mi.	20 mi.

F 65  
COO 3

ΣCOO 76

ΣHOO 3

ΣPCN 2.06

Tramos 61/57

Tono 58/55

T<sub>w</sub> 60

T<sub>d</sub> 55

TUESDAY 20 AUGUST 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	83 °F	Dir.	-	Temp.	69 °F	* OVERNIGHT LOW 61		
Min.	59 °F	Vel.	- m.p.h.	Read.	29.15 in.			
Set	63 °F	Char.	Calm	Corr.	29.03 in.	0700	1300	1900
R.H.	80 %	24 hr. Mov.	16 mi.	Sea L.	30.47 in.	Clds. C. 9/10 ST AS	Clds. Cu, As, 4/10 ci	Clds. Ci 2/10 AS
Ppn.	0 in.	Prev. Dir.	ESE	3 hr. Tend.	STEADY mb	Wx	HAZE	HAZE
Ppn.	- in.	Snow Depth	- in.	Observer	SNH	Vis.	15 mi.	10 mi.
						Vis.	7 mi.	

$\bar{T}$  71

$T_{\text{trans}} 62/58$

$T_w 62$

$\text{COD } 6$

$T_{\text{und}} 59/56$

$T_d 56$

$\Sigma \text{COD } 82$

$\Sigma \text{HOD } 3$

$\Sigma \text{PCN}_2 2.06$



Wednesday 21 August 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 82 °F	Dir. SW	Temp. 70 °F	-TSRA 0440 - 0700LT			
Min. 62 °F	Vel. 8 m.p.h.	Read. 29.11 in.				
Set 67 °F	Char. steady	Corr. 29.00 in.				
R.H. 100 %	24 hr. Mov. 63 mi.	Sea L. 30.32 in.	Clds. st. 10 %	Clds. cu 9/10 cu	Clds. ci 1/10 ci	1900
Ppn. Liq. 0.49 in.	Prev. Dir. SSW	3 hr. Tend. 0.0 mb	Wx -Ra	Wx RATHER HUMID	Wx HAZY	
Ppn. Sol. - in.	Snow Depth - in.	Observer JCW	Vis. 4 mi.	Vis. 20 mi.	Vis. 15 mi.	

$$\bar{T} = 72$$

$$CDD = 7$$

$$\Sigma CDD = 89$$

$$\Sigma HDD = 3$$

$$\Sigma PCNL = 2.55$$

$$T_{ratio} = 65/62$$

$$T_{UNV} = 67/67$$

Thursday August 22, 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. SSW	Temp. 70 °F	-RA 0800-0846 LT		
Min.	62 °F	Vel. Calm m.p.h.	Read. 29.01 in.			
Set	63 °F	Char. Calm	Corr. 28.90 in.	0700	1200 1300	1900
R.H.	98 %	24 hr. Mov. M mi.	Sea L. 30.23 in.	Clds. 10/10	Clds. Cir. 4/10 Cu	Clds. Ci 3/10
Ppn. Liq.	.03 in.	Prev. Dir. W	3 hr. Tend. 1.1 mb	Wx FOG	Wx not hazy	Wx clear libm, haz horizon
Ppn. Sol.	- in.	Snow Depth - in.	Observer SAG	Vis. 1/4 mi.	Vis. 5 mi.	Vis. 20 mi.

$$\bar{T} = 67.2$$

$$CDD = 7$$

$$\Sigma CDD = 96$$

$$\Sigma HDD = 3$$

$$\Sigma PEN_L = 2.58''$$

$$T_{trans} = 62/61$$

$$T_{inv} = 63/62$$

Friday August 23, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. SSW	Temp. 70 °F			
Min.	63 °F	Vel. 2 m.p.h.	Read. 29.08 in.			
Set	66 °F	Char. Steady	Corr. 28.96 in.			
R.H.	55 %	24 hr. Mov. 16 mi.	Sea L. 30.28 in.	Clds. 0/10	Clds. CW 6/10 TCU	Clds. AC 7/10 Ci
Ppn. Liq.	0.00 in.	Prey. Dir. SW	3 hr. Tend. 1.07 mb	Wx hazy	Wx HAZY AND HUMID	Wx STILL STICKY
Ppn. Sol.	- in.	Snow Depth - in.	Observer JCW	Vis. 4 mi.	Vis. 4 mi.	Vis. 4 mi.

$$\bar{T} = 73$$

$$CDD = 8$$

$$\Sigma CDD = 104$$

$$\Sigma HDD = 3$$

$$\Sigma PCN_L = 2.58''$$

$$T_{ramos} = 66/62$$

$$T_{UNV} = 67/62$$

SATURDAY, AUGUST 24, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max. 85 °F	Dir. NE	Temp. 70 °F	1818 LT LGTCL -TSRA 1820-1830 LT -SNRA 1900-1940 LT -1 TSRA 0340-0405 LT -1 TSRA 0435-0450 LT DLNL -SNRA 0450-0700 LT			
Min. 66 °F	Vel. 068 m.p.h.	Read. 28.95 in.				
Set 67 °F	Char. CALM MOST OF TIME	Corr. 28.83 in.	0700	1300	1900	
R.H. 84 %	24 hr. Mov. 49 mi.	Sea L. 30.15 in.	Clds. 10/10 ST	Clds.	Clds. V 10 Ci	
Ppn. 0.47 in.	Liq. SW	Prev. Dir.	3 hr. Tend. +1.2 / mb	Wx MILDLY MOIST	Wx Wx COOL LOWLY CIRRUS	
Ppn. - in.	Sol. - in.	Snow Depth - in.	Observer DAS	Vis. 17 mi.	Vis. mi. 25 mi.	

F-76  
CDD-11  
ΣCDD-115  
ΣHMM-3  
ΣPCN-3.05"

T<sub>RAMOS</sub>-65/63  
T<sub>UNV</sub>-68/64

T<sub>W</sub>-64  
T<sub>d</sub>-62



SUNDAY 25 AUGUST 1996 0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	76 °F	Dir.	-	Temp.	68 °F			
Min.	54 °F	Vel.	- m.p.h.	Read.	29.00 in.			
Set	56 °F	Char.	CalM	Corr.	28.88 in.			
R.H.	80 %	24 hr. Mov.	ESE mi.	Sea L.	30.23 in.	0700	1300	1900
Ppn.	0 in.	Prev. Dir.	25	3 hr. Tend.	41.5 mb	Clds.	Clds.	Clds.
						CLR		9/10
Ppn.	- in.	Snow Depth	- in.	Observer	SNH	Wx	Wx	Wx
						CAUD CHILLY		CalM Clear
						Vis.	Vis.	Vis.
						25 mi.	mi.	25 mi.

T 65

Tramos 59/52

Tw 56

COO 0

Tuvu 58/52

Td 50

ΣCOO 115

ΣHDD 3

ΣPCU<sub>2</sub> 3.05''

Monday, August 26, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.	General Obs.			
Max.		81 °F	Dir.		5	Temp.	68 °F		* OVERNIGHT LOW 57°
Min.		* 56 °F	Vel.		2 m.p.h.	Read.	28.89 in.		
Set		59 °F	Char.		Steady	Corr.	28.78 in.		
R.H.	24 hr. Mov.	Sea L.	0700	1300	1900				
83 %	20 mi.	30.11 in.	Clds.	Clds. CU	Clds. Cu				
0	in.	Prev. Dir.	Wx Light	Wx ☺	Wx Clear				
0	in.	SSW	3 hr. Tend.	Wx ☺	Wx ☺				
0	in.	0.85 mb	Bright Sun	Bright Sun	SUNSHINE				
-	in.	Snow Depth	Observer	Vis.	Vis.	Vis.			
-	in.	-	SAG	3 mi.	25 mi.	20 mi.			

$$\bar{T} = 69$$

$$CDD = 4$$

$$\Sigma CDD = 119$$

$$\Sigma HDD = 3$$

$$\Sigma PCN = 3.05^{\circ}$$

$$T_{RAMOS} = 59/55$$

$$T_{UNV} = 59/56$$

$$T_w = 56$$

$$T_D = 54$$

Tuesday, August 27, 1906

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	81 °F	Dir. NE	Temp. 69 °F			
Min.	59 °F	Vel. 2 m.p.h.	Read. 28.87 in.			
Set	61 °F	Char. Variable	Corr. 28.76 in.	0700	1300	1900
R.H.	89 %	24 hr. Mov. 24 mi.	Sea L. 30.08 in.	Clds. Ci 5/10 St	Clds. Ci 10 Cu,	Clds. Cu, Ni (morning) 10 Ci
Ppn.	0 in.	Prev. Dir. WSW	3 hr. Tend. 1.3 mb	Wx Light Fog, Bright Sun, Cu.	Wx Hazy Bright Sun, Warm	Wx Hazy Stagnant
Ppn.	Sol. — in.	Snow Depth — in.	Observer SAG	Vis. 4 mi.	Vis. 10 mi.	Vis. 5 mi.

$\bar{T} = 70$   
CDD = 5  
 $\Sigma CDD = 124$   
 $\Sigma HDD = 3$   
 $\Sigma PCN = 3.05''$

$T_{RAMOS} = 60/57$   
 $T_{UNV} = 59/56$

$T_w = 59$   
 $T_o = 58$

Wednesday August 23, 1996  
0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind	Barom.	General Obs.		
Max.	82 °F	Dir. N	Temp. 70 °F	* Overnight low		
Min.	61 °F	Vel. 4 m.p.h.	Read. 28.96 in.			
Set	* 62 °F	Char. Var.	Corr. 28.83 in.	0700	1300	1900
R.H.	100 %	24 hr. Mov. 22.1 mi.	Sea L. 30.15 in.	Clds. Obscured X	Clds. SC 9/10	Clds. - 0/10
Ppn. Liq.	0.00 in.	Prev. Dir. SE	3 hr. Tend. +2.01 mb	Wx Dense Fg	Wx FOG	Wx Hazy r-warm
Ppn. Sol.	- in.	Snow Depth - in.	Observer JCN	Vis. < 1/4 mi.	Vis. 3 mi.	Vis. 4 mi.

$$\bar{T} = 72$$

$$CDD = 7$$

$$\Sigma CDD = 131$$

$$\Sigma HDD = 3$$

$$\Sigma PCN = 3.05''$$

$$T_{ramo} = 62/60 \quad \bar{T}$$

$$T_{UNJ} = 61/59 \quad T_D = 62$$



Thursday, August 29, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	79 °F	Dir.	Calm	Temp.	69 °F			
Min.	59 °F	Vel.	0 m.p.h.	Read.	28.91 in.			
Set	61 °F	Char.	Calm	Corr.	28.80 in.	0700	1300	1900
R.H.	95 %	24 hr. Mov.	11.3 mi.	Sea L.	30.13 in.	Clds. obscured X	Clds. cu 5/10	Clds. ci 3/10 cu
Ppn.	0 in.	Prev. Dir.	N	3 hr. Tend.	+0.6 mb	Wx Dense Fog	Wx HAZY + Warm	Wx warm HAZY
Ppn.	- in.	Snow Depth	- in.	Observer	SAG	Vis.	Vis.	Vis.
						< 1/4 mi.	6 mi.	8 mi.

$$\bar{T} = 69$$

$$CDD = 4$$

$$\Sigma CDD = 135$$

$$\Sigma HDD = 3$$

$$\Sigma PCN = 3.05''$$

$$T_{\text{Ramos}} = 60/59$$

$$T_D = 59^\circ$$

$$T_{\text{UNV}} = 59/58$$

Friday August 30, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.			Wind		Barom.		General Obs.		
Max.		78 °F	Dir.	CALM	Temp.	70 °F			
Min.		55 °F	Vel.	CALM m.p.h.	Read.	29.03 in.			
Set		57 °F	Char.	CALM	Corr.	28.91 in.			
R.H.		90 %	24 hr. Mov.	11.2 mi.	Sea L.	30.27 in.	0700	1300	1900
Ppn.	Liq.	0.0 in.	Prev. Dir.	NW	3 hr. Tend.	+1.0 mb	Clds. 0/10	Clds. CU 3/10 TR 2/4	Clds. CU 2/10 LI
Ppn.	Sol.	— in.	Snow Depth	— in.	Observer	SOW	Wx Bright sun Hazy	Wx RATHER MILD	Wx TRANQUIL
					Observer	SOW	Vis. 4 mi.	Vis. 25 mi.	Vis. 23 mi.

$$\bar{T} = 67$$

$$CDD = 2$$

$$\Sigma CDD = 137$$

$$\Sigma HDD = 3$$

$$\Sigma PCN = 3.05''$$

$$T_{ramo} = 59/54$$

$$T_{unv} = 57/52$$

SATURDAY, AUGUST 31, 1996

0700 EST

Meteorological Observatory  
University Park, PA

Temp.		Wind		Barom.		General Obs.		
Max.	76 °F	Dir.	CALM	Temp.	72 °F			
Min.	54 °F	Vel.	0 m.p.h.	Read.	28.99 in.			
Set	56 °F	Char.	CALM	Corr.	28.86 in.	0700	1300	1900
R.H.	93 %	24 hr. Mov.	8 mi.	Sea L.	30.21 in.	Clds.	Clds.	Clds.
Ppn.	0.00 in.	Prev. Dir.	NNE	3 hr. Tend.	+0.71 mb	Wx	DENSE FOG	Wx
								NICE
Ppn.	Sol.	Snow Depth	Observer	Vis.	1/8 mi.	Vis.		Vis.
-			DOS					25 mi.

$T = 65$   
 $0N = 0$   
 $\Sigma CDD = 137$   
 $\Sigma HD = 3$   
 $\Sigma PCN = 3.05''$

$T_{RAMOS} = 56/54$   
 $T_{UNU} = 56/52$

$T_w = 55$   
 $T_d = 54$

$\overline{T}_{MAX} = 78.7$   
 $\overline{T}_{MIN} = 59.4$   
 $T_{AUGUST} = 69.03$